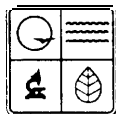


TAP INTO DNR



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Technical Assistance Program

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Businesses Honored by Governor for Pollution Prevention Efforts

On August 31, 1995, Governor Mel Carnahan honored seven Missouri businesses and organizations with the Governor's Pollution Prevention Award. The annual award program sponsored by the Missouri Department of Natural Resources and the Missouri Chamber of Commerce recognizes companies working to prevent the generation of pollution. Six regional winners were announced and one company, Envirecycle Inc., was recognized as an overall winner.

Envirecycle Inc. in St. Joseph processes plastics for recycling. The system used by the company allows recycling of plastic containers that normally are difficult to recycle, such as pesticide, ink, paint and oil containers. This business helps divert millions of pounds of waste plastics from disposal each year.

There were six regional award winners:



Lyn-Flex West, a manufacturer of shoe component insoles in Owensville, converted

its operations from the use of solvent-based adhesives to more environmentally sound water-based adhesives.



Monsanto Company, a chemical manufacturer, substantially reduced air emissions in its St.

Louis facilities through source reduction activities. Monsanto's Carondelet plant was the company's first plant in the world to achieve its goal of 90 percent reduction in toxic air emissions.



Parkland Environmental Alliance, Park Hills, is a partnership that encourages pollution prevention and environmental awareness in southeast Missouri.

It is a partnership between the Mineral Area College and the St. Francois County Recycling Committee.



Partners in Pollution Prevention (3P), Springfield, is a collaborative of public and private or-

ganizations who have teamed their resources to provide local pollution prevention education and technical assistance.



Hallmark Cards, Kansas City, significantly reduced air emissions and hazardous waste in its printing operations by

converting from solvent-based to water-based technologies.



Missouri Ag Industries Council, a state-wide trade association headquartered in Jefferson

City, sponsors an annual Clean Pesticide Container Recycling Program. Working with local agricultural dealers, plastic pesticide containers are collected and processed for recycling.

For more information on the Governor's Pollution Prevention Award or on pollution prevention, contact Becky Shannon, the Department of Natural Resources' Technical Assistance Program, 1-800-361-4827.

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Phone number: (573) 526-6627, fax number: (573) 526-5808

The "Call'em" column

- Communities planning infrastructure construction

"projects, like sewer and water systems, have until March 15, 1996 to submit grant applications to the Community Development Block Grants Program (CDBG). Grant applications must be complete to be considered. That means the application itself must be #Wed out completely. It also means that just about everything needed to actually do the project, short of having grant funds in hand, must be completed. Bond elections must have been held and passed, sewer or other special districts must have been organized and other requirements must be met by the March 15, 1996, deadline. For an application, call Marilyn Graham, CDBG at (573) 7514146.

- The Local Government Assistance Unit of the Department of Natural Resources' Technical Assistance Program (TAP) wants to provide environmental training to current and aspiring community leaders and staff. The unit is now taking suggestions from communities about training they would like to receive. Information is also being gathered from potential trainers on training they could provide. If you have any suggestions, please call Carl

Brown at 800-361-4827 or (573) 526-6848.

- TAP's Small Business Assistance Unit recently sponsored a satellite teleconference on clean air compliance for chromium electroplates. A video tape (W-IS) and workbook are available and may be borrowed for short periods of time. TAP has previously hosted programs on halogenated solvent cleaning machines (vapor degreasers) and spray painting. The programs are produced with the cooperation of the Environmental Protection Agency (EPA) and feature case histories, explanations of new regulations by industry experts and discussions by representatives of the EPA who are implementing the regulations. For information on any of the tapes and guidebook, contact Omer Roberts at 1-800-361-4827.
- Internet users... several informative environmental sources are available on the Internet. Environ\$en\$e funded by EPA and the Department of Defense primarily provides pollution prevention information. It includes techniques, experiments, research and development "merit activities and funding opportunities encouraging the implementation of pollution

prevention programs. The Internet address is <http://wastenot.inel.gov/> EnviroSense. EPA also has an electronic bulletin board, the Technology Transfer Network (TTN), which is dedicated to air pollution topics. The Department of Natural Resources now has a home page on the Internet. It provides information regarding the five divisions within the department and their programs. Some portions are currently under development. Department of Natural Resources's Internet address is <http://www.state.mo.us/dnr/homednr.htm>.

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The Department of Natural Resources' Technical Assistance Program has moved! We are now located on the east side of Jefferson City. Our mailing address will remain the same, as will our phone numbers. If you need to visit our office, we will be located at 1659 East Elm Street, Jefferson City, MO 65101.

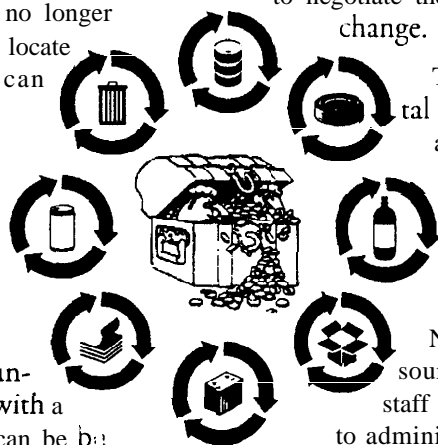
Waste Exchange: One's person's waste is another's treasure

A waste exchange helps businesses with no longer needed materials locate businesses who can use their waste as raw materials in manufacturing or production process. The premise is that one person's waste is another person's treasure. Listing unwanted materials with a waste exchange can be both cost effective and environmentally beneficial.

There are 42 waste exchanges in North America, with more being developed. Missouri participates in the Industrial Materials Exchange Service (IMES), which serves 12 states. Through a national on-line database, IMES can network with other exchanges. This gives the user a greater opportunity to find available raw materials or to locate a potential user of its waste product. You can reach the National Materials Exchange Network at <http://www/earthcycle.com/g/p/earthcycle/> on the Internet.

The IMES is an information exchange. It does not physically handle the waste material. The IMES compiles information about available or wanted materials and lists that information in a directory. There is no fee to list a waste. Company names are not used.

Code numbers identify each listing. Parties interested in acquiring a waste contact IMES, which does not release a company's identity without its permission. Once permission is granted, interested companies contact each other directly to negotiate the actual exchange.



The Environmental Improvement and Energy Resources Authority (EIERA), which operates within the Department of Natural Resources, provides staff and equipment to administer IMES in Missouri. Besides distributing the IMES directory, the Missouri exchange can provide technical assistance to a company not knowing what to do with a particular waste. To be placed on the mailing list, contact Tom Welch, Missouri Environmental Improvement Authority, 325 Jefferson Street, Jefferson City MO 65101, or call (573) 751-4919.

The IMES does not interpret legal requirements, particularly for the storage, transportation, treatment or disposal of a hazardous waste. For the material to be exempt from hazardous waste regulation, the receiving company must be able to directly substitute waste material into its process without first treating or reclaiming it. For the waste to remain exempt, it cannot be burned for energy recovery, used to make fuel, stored for long periods, used in products that will be applied to the land or otherwise

disposed of. Depending on how the other business uses the hazardous waste, it may have to be managed according to all applicable hazardous waste laws and regulations.

For more information, contact June Sullens at the Department of Natural Resources' Technical Assistance Program, 800-361-4827, or Tom Welch at EIERA, (573) 751-4919.

Air Pollution operating permit update



Missouri's Title V operating permit program final approval is expected to be published in the Federal Register in early March 1996, which will start the permit application deadline clock.

First-year part 70 and large intermediate permits will be due 60 days after program approval, about May 1, 1996. Second-year part 70 and small intermediates will be **due** one year **after** program approval. Basic will be due two years **after** program approval. Revised (simplified) application forms were mailed to all sources in November.

The Technical Assistance Program (TAP) will offer workshops for businesses to learn how to complete the application. For information on a workshop to be offered for your industry or geographic area, contact Omer Roberts at 1-800-361-4827.